

CLAIMS

1. A composition for inclusion in a tobacco smoke filter for cigarettes, cigars, pipes, cigarette holders or other smoking articles, said composition comprising:

one or more antioxidants as radicals scavenger; and

one or more minerals capable of removing a large quantity of potential harmful substances from tobacco smoke and without significantly removing moisture from the smoke.

2. The tobacco smoke filter composition of claim 1, wherein said one or more antioxidants consist essentially of Ascorbic Acid, Butyl-paraben, Citric Acid, L-Glutathione, Melatonin, Resveratrol, Selenium and/or its derivatives, Ubiquinones, or Green Tea

3. The tobacco smoke filter composition of claim 1 wherein said one or more minerals consisting essentially of: activated carbon, clinoptilolite (Zeolite), Cuprous Chloride and Magnetized Ferrite.

4. The tobacco smoke filter composition of claim 2 wherein said one or more minerals consisting essentially of: activated carbon, clinoptilolite (Zeolite), Cuprous Chloride and Magnetized Ferrite.

5. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants act as a free radical scavenger.

6. The tobacco smoke filter composition of claim 1 wherein said one or more minerals eliminate to a significant extent the carcinogenic substance contained in the tobacco smoke.

7. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants and said one or more minerals are provided in an amount between approximately 50 to approximately 100 mg.

8. The tobacco smoke filter composition of claim 7 further comprising a magnetized active carbon composition, comprising activated carbon and a magnetized ferrite powder.

9. The tobacco smoke filter composition of claim 8 wherein the magnetized active carbon and the minerals absorb a variety of gaseous components.

10. The tobacco smoke filter composition of claim 8 wherein the magnetized active carbon has a catalytic effect on sulphurous acid gas, nitrogen oxides, ozone and chlorine.

11. The tobacco smoke filter composition of claim 8 wherein the activated carbon is an activated charcoal having a specific surface area exceeding a million square centimetres per gram, a particle size between about 8 to about 50 mesh and impregnated with about 1% to about 3% by weight thereof of a magnetized micro-powdered ferrite in an amount not exceeding about 14% of the weight of the charcoal granules.

12. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Ascorbic Acid in an amount between approximately 0.1 to approximately 60 mgs.

13. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Butylparaben in an amount between approximately 0.01 mgs. to approximately 5 mgs.

14. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Citric Acid in an amount between approximately 0.1 mgs. to approximately 10 mgs.

15. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least L-Glutathione in an amount between approximately 0.01 mgs. to approximately 20 mgs.

16. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Melatonin in an amount between approximately 0.1 mgs. to approximately 2 mgs.

17. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Resveratrol in an amount between approximately 0.01 mgs to approximately 2 mgs.

18. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Selenium in an amount between approximately 0.01 mcgs. to approximately 10 mcgs.

19. The tobacco smoke filter composition of claim 1 wherein said one or more minerals comprises at least Activated Carbon in an amount between approximately 0.1 mgs. to approximately 60 mgs.

20. The tobacco smoke filter composition of claim 1 wherein said one or more minerals comprises at least Clinoptilolite (Zeolite) in an amount between approximately 0.1 mgs. to approximately 60 mgs.

21. The tobacco smoke filter composition of claim 1 wherein said one or more minerals comprises at least Cuprous Chloride in an amount between approximately 0.1 mgs. to approximately 15 mgs.

22. The tobacco smoke filter composition of claim 1 wherein said one or more minerals comprises at least Magnetized Ferrite in an amount between approximately 0.1 mgs. to approximately 30 mgs.

23. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least Green Tea in an amount between approximately 0.1 mgs. to approximately 0.15 mgs.

24. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least a member selected from L-Glutathione, consisting essentially of Glutathione Peroxidase or Glutathione Reductase.

25. The tobacco smoke filter composition of claim 1 wherein said one or more antioxidants comprises at least a member selected from Selenium, consisting essentially of L-Selenomethionine or L-Selenocysteine.